

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. ASTRP.216C6	APPLICATION NO. Unknown 09/765,181
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Jeff C. Hawkins, et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE Herewith 11/18/01	GROUP 2121
JC872 U.S. PRO 09/765,181 01/18/01			

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	4,238,792	12/09/80	Cohen, et al.	345	173	
	4,517,660	05/14/85	Fushimoto, et al.	361	681	
	4,718,740	01/12/88	Cox	312	223.2	
	4,742,478	05/03/88	Nigro, Jr., et al.	361	680	
	4,785,564	11/22/88	Gurtler	040	448	
	4,830,328	05/16/89	Takach, Jr., et al.	361	685	
	4,839,837	06/13/89	Chang	361	680	
	4,851,812	07/25/89	Holmberg	340	407.2	
	4,864,523	09/05/89	Sasaki	361	680	
	4,949,079	08/14/90	Loebner	345	180	
	4,978,949	12/18/90	Herron, et al.	345	180	
	5,200,913	04/06/93	Hawkins, et al.	361	681	
	5,333,116	07/26/94	Hawkins, et al.	361	681	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0149762	07/31/85	Europe				
	62-57821	04/10/87	Japan				X
	63-39731	03/15/88	Japan				X
	63-128409	06/01/88	Japan				X
	1-131913	05/24/89	Japan				X
	1-116826	08/07/89	Japan				X
	3-41326	04/19/91	Japan				X

EXAMINER	D. H. Malzahn	DATE CONSIDERED	10/15/01
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\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. ASTRP.216C6	APPLICATION NO. <del>UNKNOWN</del> 09/765,181
		APPLICANT Jeff C. Hawkins, et al.	
		FILING DATE Herewith	GROUP 2121

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	Mabie, et al., <i>Mechanisms and Dynamics of Machinery</i> , John Wiley & Sons, Inc., 1963, pages 15-16.

JTS-7966.DOC  
20010118/3

EXAMINER: <i>D.H. Matalah</i>	DATE CONSIDERED <i>10/15/01</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

 <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b>  <b>JUN 04 2001</b>  <small>(USE SEVERAL SHEETS IF NECESSARY)</small>	<b>ATTY. DOCKET NO.</b> ASTRP.216C6	<b>RECEIVED</b>  <b>JUN 7 2001</b>  <b>Technology Center 2100</b>
		<b>APPLICATION NO.</b> 99/765,181
	<b>APPLICANT</b> Jeff C. Hawkins	<b>FILING DATE</b> January 18, 2001
		<b>GROUP</b> 2121

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

**EXAMINER  
INITIAL**

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

JTS-9537.DOC:ke  
20010531

**EXAMINER**

P. H. Malzahn

**DATE CONSIDERED**

10/15/01

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